

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S8	37	US-0747360-\$.DID. OR US-2525398-\$.DID. OR US-2533961-\$.DID. OR US-2707953-\$.DID. OR US-3059645-\$.DID. OR US-3064648-\$.DID. OR US-3167072-\$.DID. OR US-3394954-\$.DID. OR US-3482569-\$.DID. OR US-3529597-\$.DID. OR US-3602227-\$.DID. OR US-3630195-\$.DID. OR US-3677250-\$.DID. OR US-3686896-\$.DID. OR US-3766915-\$.DID. OR US-3834380-\$.DID. OR US-3847370-\$.DID. OR US-3856020-\$.DID. OR US-3896527-\$.DID. OR US-3900026-\$.DID. OR US-3906946-\$.DID. OR US-3920001-\$.DID. OR US-3942228-\$.DID. OR US-3973565-\$.DID. OR US-4020835-\$.DID. OR US-4037599-\$.DID. OR US-4057066-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18
S9	27	US-4059105-\$.DID. OR US-4082094-\$.DID. OR US-4084911-\$.DID. OR US-4099744-\$.DID. OR US-4114618-\$.DID. OR US-4116196-\$.DID. OR US-4123091-\$.DID. OR US-4129128-\$.DID. OR US-4133307-\$.DID. OR US-4133312-\$.DID. OR US-4142527-\$.DID. OR US-4161177-\$.DID. OR US-4170995-\$.DID. OR US-4193174-\$.DID. OR US-4224937-\$.DID. OR US-4248229-\$.DID. OR US-4250880-\$.DID. OR US-4316461-\$.DID. OR US-4324236-\$.DID. OR US-4326519-\$.DID. OR US-4362156-\$.DID. OR US-4392853-\$.DID. OR US-4397647-\$.DID. OR US-4405163-\$.DID. OR US-4449975-\$.DID. OR US-4453933-\$.DID. OR US-4474559-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18

## EAST Search History

S10	27	US-4480639-\$.DID. OR US-4516968-\$.DID. OR US-4563177-\$.DID. OR US-4585435-\$.DID. OR US-4633863-\$.DID. OR US-4650473-\$.DID. OR US-4660555-\$.DID. OR US-4711636-\$.DID. OR US-4742824-\$.DID. OR US-4752292-\$.DID. OR US-4792163-\$.DID. OR US-4808162-\$.DID. OR US-4823789-\$.DID. OR US-4826486-\$.DID. OR US-4838858-\$.DID. OR US-4852844-\$.DID. OR US-4857058-\$.DID. OR US-4863432-\$.DID. OR US-4880412-\$.DID. OR US-4896465-\$.DID. OR US-4897082-\$.DID. OR US-4898587-\$.DID. OR US-4919654-\$.DID. OR US-4932943-\$.DID. OR US-4955864-\$.DID. OR US-4966582-\$.DID. OR US-4976700-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18
S11	26	US-4981469-\$.DID. OR US-4997421-\$.DID. OR US-5000741-\$.DID. OR US-5037397-\$.DID. OR US-5073170-\$.DID. OR US-5084026-\$.DID. OR US-5098399-\$.DID. OR US-5147322-\$.DID. OR US-5147322-\$.DID. OR US-5156641-\$.DID. OR US-5192273-\$.DID. OR US-5192274-\$.DID. OR US-5195981-\$.DID. OR US-5266401-\$.DID. OR US-5267967-\$.DID. OR US-5282463-\$.DID. OR US-5292312-\$.DID. OR US-5304146-\$.DID. OR US-5306243-\$.DID. OR US-5314411-\$.DID. OR US-5322514-\$.DID. OR US-5330438-\$.DID. OR US-5338308-\$.DID. OR US-5342317-\$.DID. OR US-5344406-\$.DID. OR US-5344414-\$.DID. OR US-5346479-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18
S12	27	US-5352211-\$.DID. OR US-5354282-\$.DID. OR US-5354283-\$.DID. OR US-5380293-\$.DID. OR US-5380294-\$.DID. OR US-5380301-\$.DID. OR US-5382239-\$.DID. OR US-5382240-\$.DID. OR US-5389082-\$.DID. OR US-5395344-\$.DID. OR US-5403285-\$.DID. OR US-5413562-\$.DID. OR US-5443460-\$.DID. OR US-5449349-\$.DID. OR US-5456671-\$.DID. OR US-5468228-\$.DID. OR US-5468230-\$.DID. OR US-5468231-\$.DID. OR US-5470321-\$.DID. OR US-5484420-\$.DID. OR US-5496282-\$.DID. OR US-5496283-\$.DID. OR US-5499976-\$.DID. OR US-5520656-\$.DID. OR US-5522803-\$.DID. OR US-5527293-\$.DID. OR US-5549567-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18

## EAST Search History

S13	3	US-6213979-\$.DID. OR US-D364922-\$.DID. OR US-D375355-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:18
S14	147	S8 or S9 or S10 or S11 or S12 or S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:22
S15	98	((STEVEN) near2 (BIERMAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:19
S16	9	S15 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 07:19
S17	39	("2590006"   "3601127"   "3677250"   "3682180"   "3726280"   "3760811"   "3766925"   "3782388"   "3990454"   "4025015").PN. OR ("4170995").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 08:19
S18	3	US-6213979-\$.DID. OR US-D364922-\$.DID. OR US-D375355-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:13

## EAST Search History

S19	136	("2525398"   "2533961"   "2707953"   "3059645"   "3064648"   "3167072"   "3482569"   "3529597"   "3602227"   "3630195"   "3677250"   "3766915"   "3834380"   "3847370"   "3856020"   "3900026"   "3906946"   "3942228"   "3973565"   "4020835"   "4057066"   "4059105"   "4082094"   "4114618"   "4129128"   "4133307"   "4142527"   "4161177"   "4193174"   "4224937"   "4248229"   "4250880"   "4316461"   "4324236"   "4326519"   "4362156"   "4392853"   "4397647"   "4449975"   "4453933"   "4474559"   "4480639"   "4516968"   "4563177"   "4633863"   "4650473"   "4660555"   "4711636"   "4742824"   "4808162"   "4823789"   "4826486"   "4852844"   "4857058"   "4863432"   "4880412"   "4896465"   "4897082"   "4898587"   "4919654"   "4932943"   "4955864"   "4976700"   "4997421"   "5000741"   "5037397"   "5073170"   "5084026"   "5098399"   "5147322"   "5156641"   "5192273"   "5192274"   "5195981"   "5266401"   "5267967"   "5282463"   "5292312"   "5304146"   "5306243"   "5314411"   "5322514"   "5330438"   "5338308"   "5342317"   "5344406"   "5344414"   "5346479"   "5352211"   "5354282"   "5354283"   "5380293"   "5380294"   "5380301"   "5382239"   "5382240"   "5395344"   "5403285"   "5413562"   "5443460"   "5449349"   "5456671"   "5468228"   "5468230"   "5468231"   "5470321"   "5484420"   "5496282"   "5496283"   "5499976"   "5520656"   "5522803"   "5527293"   "B1 5147322"   "D364922"   "D375355"). PN. OR ("6213979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
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## EAST Search History

S20	37	US-0747360-\$.DID. OR US-2525398-\$. DID. OR US-2533961-\$.DID. OR US-2707953-\$.DID. OR US-3059645-\$. DID. OR US-3064648-\$.DID. OR US-3167072-\$.DID. OR US-3394954-\$. DID. OR US-3482569-\$.DID. OR US-3529597-\$.DID. OR US-3602227-\$. DID. OR US-3630195-\$.DID. OR US-3677250-\$.DID. OR US-3686896-\$. DID. OR US-3766915-\$.DID. OR US-3834380-\$.DID. OR US-3847370-\$. DID. OR US-3856020-\$.DID. OR US-3896527-\$.DID. OR US-3900026-\$. DID. OR US-3906946-\$.DID. OR US-3920001-\$.DID. OR US-3942228-\$. DID. OR US-3973565-\$.DID. OR US-4020835-\$.DID. OR US-4037599-\$. DID. OR US-4057066-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
S21	27	US-4059105-\$.DID. OR US-4082094-\$. DID. OR US-4084911-\$.DID. OR US-4099744-\$.DID. OR US-4114618-\$. DID. OR US-4116196-\$.DID. OR US-4123091-\$.DID. OR US-4129128-\$. DID. OR US-4133307-\$.DID. OR US-4133312-\$.DID. OR US-4142527-\$. DID. OR US-4161177-\$.DID. OR US-4170995-\$.DID. OR US-4193174-\$. DID. OR US-4224937-\$.DID. OR US-4248229-\$.DID. OR US-4250880-\$. DID. OR US-4316461-\$.DID. OR US-4324236-\$.DID. OR US-4326519-\$. DID. OR US-4362156-\$.DID. OR US-4392853-\$.DID. OR US-4397647-\$. DID. OR US-4405163-\$.DID. OR US-4449975-\$.DID. OR US-4453933-\$. DID. OR US-4474559-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
S22	27	US-4480639-\$.DID. OR US-4516968-\$. DID. OR US-4563177-\$.DID. OR US-4585435-\$.DID. OR US-4633863-\$. DID. OR US-4650473-\$.DID. OR US-4660555-\$.DID. OR US-4711636-\$. DID. OR US-4742824-\$.DID. OR US-4752292-\$.DID. OR US-4792163-\$. DID. OR US-4808162-\$.DID. OR US-4823789-\$.DID. OR US-4826486-\$. DID. OR US-4838858-\$.DID. OR US-4852844-\$.DID. OR US-4857058-\$. DID. OR US-4863432-\$.DID. OR US-4880412-\$.DID. OR US-4896465-\$. DID. OR US-4897082-\$.DID. OR US-4898587-\$.DID. OR US-4919654-\$. DID. OR US-4932943-\$.DID. OR US-4955864-\$.DID. OR US-4966582-\$. DID. OR US-4976700-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22

## EAST Search History

S23	26	US-4981469-\$.DID. OR US-4997421-\$.DID. OR US-5000741-\$.DID. OR US-5037397-\$.DID. OR US-5073170-\$.DID. OR US-5084026-\$.DID. OR US-5098399-\$.DID. OR US-5147322-\$.DID. OR US-5147322-\$.DID. OR US-5156641-\$.DID. OR US-5192273-\$.DID. OR US-5192274-\$.DID. OR US-5195981-\$.DID. OR US-5266401-\$.DID. OR US-5267967-\$.DID. OR US-5282463-\$.DID. OR US-5292312-\$.DID. OR US-5304146-\$.DID. OR US-5306243-\$.DID. OR US-5314411-\$.DID. OR US-5322514-\$.DID. OR US-5330438-\$.DID. OR US-5338308-\$.DID. OR US-5342317-\$.DID. OR US-5344406-\$.DID. OR US-5344414-\$.DID. OR US-5346479-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
S24	27	US-5352211-\$.DID. OR US-5354282-\$.DID. OR US-5354283-\$.DID. OR US-5380293-\$.DID. OR US-5380294-\$.DID. OR US-5380301-\$.DID. OR US-5382239-\$.DID. OR US-5382240-\$.DID. OR US-5389082-\$.DID. OR US-5395344-\$.DID. OR US-5403285-\$.DID. OR US-5413562-\$.DID. OR US-5443460-\$.DID. OR US-5449349-\$.DID. OR US-5456671-\$.DID. OR US-5468228-\$.DID. OR US-5468230-\$.DID. OR US-5468231-\$.DID. OR US-5470321-\$.DID. OR US-5484420-\$.DID. OR US-5496282-\$.DID. OR US-5496283-\$.DID. OR US-5499976-\$.DID. OR US-5520656-\$.DID. OR US-5522803-\$.DID. OR US-5527293-\$.DID. OR US-5549567-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
S25	147	S20 or S21 or S22 or S23 or S24 or S18	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:22
S26	13	S19 not S25	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 09:23
S27	44576	snap\$2 adj2 fit\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23

## EAST Search History

S28	37	US-0747360-\$.DID. OR US-2525398-\$. DID. OR US-2533961-\$.DID. OR US-2707953-\$.DID. OR US-3059645-\$. DID. OR US-3064648-\$.DID. OR US-3167072-\$.DID. OR US-3394954-\$. DID. OR US-3482569-\$.DID. OR US-3529597-\$.DID. OR US-3602227-\$. DID. OR US-3630195-\$.DID. OR US-3677250-\$.DID. OR US-3686896-\$. DID. OR US-3766915-\$.DID. OR US-3834380-\$.DID. OR US-3847370-\$. DID. OR US-3856020-\$.DID. OR US-3896527-\$.DID. OR US-3900026-\$. DID. OR US-3906946-\$.DID. OR US-3920001-\$.DID. OR US-3942228-\$. DID. OR US-3973565-\$.DID. OR US-4020835-\$.DID. OR US-4037599-\$. DID. OR US-4057066-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S29	27	US-4059105-\$.DID. OR US-4082094-\$. DID. OR US-4084911-\$.DID. OR US-4099744-\$.DID. OR US-4114618-\$. DID. OR US-4116196-\$.DID. OR US-4123091-\$.DID. OR US-4129128-\$. DID. OR US-4133307-\$.DID. OR US-4133312-\$.DID. OR US-4142527-\$. DID. OR US-4161177-\$.DID. OR US-4170995-\$.DID. OR US-4193174-\$. DID. OR US-4224937-\$.DID. OR US-4248229-\$.DID. OR US-4250880-\$. DID. OR US-4316461-\$.DID. OR US-4324236-\$.DID. OR US-4326519-\$. DID. OR US-4362156-\$.DID. OR US-4392853-\$.DID. OR US-4397647-\$. DID. OR US-4405163-\$.DID. OR US-4449975-\$.DID. OR US-4453933-\$. DID. OR US-4474559-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S30	27	US-4480639-\$.DID. OR US-4516968-\$. DID. OR US-4563177-\$.DID. OR US-4585435-\$.DID. OR US-4633863-\$. DID. OR US-4650473-\$.DID. OR US-4660555-\$.DID. OR US-4711636-\$. DID. OR US-4742824-\$.DID. OR US-4752292-\$.DID. OR US-4792163-\$. DID. OR US-4808162-\$.DID. OR US-4823789-\$.DID. OR US-4826486-\$. DID. OR US-4838858-\$.DID. OR US-4852844-\$.DID. OR US-4857058-\$. DID. OR US-4863432-\$.DID. OR US-4880412-\$.DID. OR US-4896465-\$. DID. OR US-4897082-\$.DID. OR US-4898587-\$.DID. OR US-4919654-\$. DID. OR US-4932943-\$.DID. OR US-4955864-\$.DID. OR US-4966582-\$. DID. OR US-4976700-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23

## EAST Search History

S31	26	US-4981469-\$.DID. OR US-4997421-\$.DID. OR US-5000741-\$.DID. OR US-5037397-\$.DID. OR US-5073170-\$.DID. OR US-5084026-\$.DID. OR US-5098399-\$.DID. OR US-5147322-\$.DID. OR US-5147322-\$.DID. OR US-5156641-\$.DID. OR US-5192273-\$.DID. OR US-5192274-\$.DID. OR US-5195981-\$.DID. OR US-5266401-\$.DID. OR US-5267967-\$.DID. OR US-5282463-\$.DID. OR US-5292312-\$.DID. OR US-5304146-\$.DID. OR US-5306243-\$.DID. OR US-5314411-\$.DID. OR US-5322514-\$.DID. OR US-5330438-\$.DID. OR US-5338308-\$.DID. OR US-5342317-\$.DID. OR US-5344406-\$.DID. OR US-5344414-\$.DID. OR US-5346479-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S32	27	US-5352211-\$.DID. OR US-5354282-\$.DID. OR US-5354283-\$.DID. OR US-5380293-\$.DID. OR US-5380294-\$.DID. OR US-5380301-\$.DID. OR US-5382239-\$.DID. OR US-5382240-\$.DID. OR US-5389082-\$.DID. OR US-5395344-\$.DID. OR US-5403285-\$.DID. OR US-5413562-\$.DID. OR US-5443460-\$.DID. OR US-5449349-\$.DID. OR US-5456671-\$.DID. OR US-5468228-\$.DID. OR US-5468230-\$.DID. OR US-5468231-\$.DID. OR US-5470321-\$.DID. OR US-5484420-\$.DID. OR US-5496282-\$.DID. OR US-5496283-\$.DID. OR US-5499976-\$.DID. OR US-5520656-\$.DID. OR US-5522803-\$.DID. OR US-5527293-\$.DID. OR US-5549567-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S33	3	US-6213979-\$.DID. OR US-D364922-\$.DID. OR US-D375355-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S34	147	S28 or S29 or S30 or S31 or S32 or S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:23
S35	12	S27 and S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:29
S36	98	((STEVEN) near2 (BIERMAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 15:04
S37	36	S27 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 11:57



## EAST Search History

S38	745	(604/174).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:30
S41	66	("2525398"   "2533961"   "3167072"   "3856020"   "3900026"   "3906946"   "3973565"   "4082094"   "4114618"   "4129128"   "4161177"   "4224937"   "4250880"   "4316461"   "4326519"   "4362156"   "4480639"   "4633863"   "4711636"   "4852844"   "4857058"   "4863432"   "4898587"   "4997421"   "5037397"   "5084026"   "5192274"   "5342317"   "5344406"   "5346479"   "5352211"   "5354282"   "5354283"   "5382239"   "5413562"   "5449349"   "5468228"   "5496283"   "5520656"   "5522803"   "5527293").PN. OR ("5722959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 13:16
S43	220	(604/177).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:32
S45	183	S43 not S38	US-PGPUB; USPAT	OR	ON	2006/05/19 13:37
S46	468	(604/180).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 13:37
S47	324	S46 not S38	US-PGPUB; USPAT	OR	ON	2006/05/19 13:38
S48	308	S47 not S43	US-PGPUB; USPAT	OR	ON	2006/05/19 13:43
S50	364	(604/178).ccls. or (604/179).ccls.	US-PGPUB; USPAT	OR	ON	2006/05/19 13:48
S51	257	S50 not S38	US-PGPUB; USPAT	OR	ON	2006/05/19 13:44
S52	255	S51 not S43	US-PGPUB; USPAT	OR	ON	2006/05/19 13:45
S53	235	S52 not S46	US-PGPUB; USPAT	OR	ON	2006/05/19 13:45
S54	890	(128/DIG.6).ccls. or (128/DIG.26).ccls.	US-PGPUB; USPAT	OR	ON	2006/05/22 14:44
S55	1426	S38 or S43 or S46 or S50	US-PGPUB; USPAT	OR	ON	2006/05/19 13:49
S56	365	S54 not S55	US-PGPUB; USPAT	OR	ON	2006/05/19 13:54
S57	425	arrow adj4 catheter\$2	US-PGPUB; USPAT	OR	ON	2006/05/19 13:55

## EAST Search History

S58	29	S55 and S57	US-PGPUB; USPAT	OR	ON	2006/05/19 13:57
S59	17	S54 and S57	US-PGPUB; USPAT	OR	ON	2006/05/19 13:58
S60	63	S54 and S27	US-PGPUB; USPAT	OR	ON	2006/05/19 14:10
S61	108	S55 and S27	US-PGPUB; USPAT	OR	ON	2006/05/19 14:10
S62	122	S60 or S61	US-PGPUB; USPAT	OR	ON	2006/05/19 13:59
S65	13438	(cover\$4 or cap\$2) same S27	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 14:09
S66	17	S54 and S65	US-PGPUB; USPAT	OR	ON	2006/05/19 14:10
S67	29	S55 and S65	US-PGPUB; USPAT	OR	ON	2006/05/19 14:10
S68	31	S66 or S67	US-PGPUB; USPAT	OR	ON	2006/05/19 14:11
S69	555	(604/175).ccls. or (604/176).ccls.	US-PGPUB; USPAT	OR	ON	2006/05/22 14:45
S70	745	(604/174).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/22 14:46
S71	220	(604/177).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/22 14:46
S72	468	(604/180).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/22 14:46
S73	364	(604/178).ccls. or (604/179).ccls.	US-PGPUB; USPAT	OR	ON	2006/05/22 14:46
S74	491	S69 not (S70 or S71 or S72 or S73)	US-PGPUB; USPAT	OR	ON	2006/05/22 14:47